Bruhath Bengalore mahanagara palike Dasarahalli Zone

Name of Work : Improvements Work At Mustering Center For Pourakarmika in Ward No.13

Est .Cost Rs.25.00 Lakhs

No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 6, I.NO - 2.3, PWD SR-2018-19)								
	For Compound Wall		1	32.00	0.90	1.00	28.80		
	For Water Supply		1	100.00	0.45	0.90	40.50		
		Cum					69.30	322.92	22378.36
	Basic Rate	299.00							
	Area Weightage 8%	23.92							
	Total	322.92							
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS (P.No. 13/ I.No. 4.2 of CSR 2018-19)								
	For Compound Wall		1	32.00	0.90	0.15	4.32		
		Cum					4.32	5609.52	24233.13
	Basic Rate	5194.00							
	Area Weightage 8%	415.52							
	Total	5609.52							
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 25/ Item No. 5.6, PWD SR 2018-19)								
	For Compound Wall								
	Below GL		1	32.00	0.75	0.90	21.60		
	Above GL		1	29.00	0.30	0.85	7.40		
		Cum					29.00	4963.68	143921.90
	Basic Rate	4596.00							
	Area Weightage 8%	367.68							
	Total	4963.68							
	KSRB 4.2.7: Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1,4.6 Specification No. KBS 4.1, 4.6. (Page No. 14, Item No. 4.12, PWD SR 2018-19)								
	For Compound Wall		1	3.40	0.45	1.22	1.87		
			1	6.20	0.20	0.20	0.25		
		cum					2.11	6528.60	13805.38
	Basic Rate	6045.00							
	Area Weightage 8%	483.60							
	Total	6528.60							
	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No. 18 / Item No. 4.46.2, PWD SR 2018-19)								

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Consider 100kg/Cum		1	2.11	100.00		211.46		
		Tonne					0.21	76643.28	16206.99
	Basic Rate	70966.00							
	Area Weightage 8%	5677.28							
	Total	76643.28							
6	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.54 (Page No. 27 / Item No. 5.26.2, PWD SR 2018-19) (400x150x200mm)								
	For Compound Wall		1	35.00		2.25	78.75		
		sqm					78.75	997.92	78586.20
	Basic Rate	924.00							
	Area Weightage 8%	73.92							
	Total	997.92							
7	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.6 of PWD SR 2018-19)								
	For Compound Wall		1	29.00	0.15	0.10	0.44		
			1	21.80	0.30	0.10	0.65		
	For Terrace		1	26.40	6.50	0.05	8.58		
		cum					9.67	5855.76	56619.34
	Basic Rate	5422.00							
	Area Weightage 8%	433.76							
	Total	5855.76							
8	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications(P.No. 116, I.No. 15.15 of PWD SR 2018-19)								
	For Compound Wall		2	35.00		2.30	161.00		
		Sqm					161.00	298.08	47990.88
	Basic Rate	276.00							
	Area Weightage 8%	22.08							
	Total	298.08							
9	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications (Page No. 68, Item No. 10.2 of PWD SR 2018-19)								
	Terrace								
			1	26.40	6.50		171.60		
		sqm					171.60	1073.52	184216.03
	Basic Rate	994.00							
	Area Weightage 8%	79.52							
	Total	1073.52							

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
10	Providing and laying flooring using prepolished , water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white/ grey pigment etc., complete (Page No.109, Item No.14.47.1 PWD SR 2018-19)								
	Ground Floor								
	Hall		1	15.00	5.65		84.75		
	Stage		1	5.10	5.65		28.82		
	Room		1	6.10	3.00		18.30		
	Passage		1	3.80	1.20		4.56		
	Skirting								
	Hall		1	41.30		0.15	6.20		
	Stage		1	21.50		0.15	3.23		
	Room		1	18.20		0.15	2.73		
	Passage		1	10.00		0.15	1.50		
	Staircase								
	Riser		8	1.50		0.15	1.80		
	Thread		8	1.50	0.20		2.40		
	Behind Building (Passage)		1	35.20	0.80		28.16		
		Sqm					**182.44**	**2458.08**	**448439.82**
	Basic Rate	2276.00							
	Area Weightage 8%	182.08							
	Total	**2458.08**							
1	Providing and applying painting two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specificationswith primer.(Page No. 119, Item No. 15.51.2 PWD SR 2018-19)								
	Inside Painting								
	Hall		1	41.30		3.60	148.68		
	Stage		1	21.50		2.75	59.13		
	Room		1	18.20		2.50	45.50		
	Passage		1	10.00		2.50	25.00		
		Sqm					**278.31**	**97.20**	**27051.25**
	Basic Rate	90.00							
	Area Weightage 8%	7.20							
	Total	**97.20**							
	Extra for providing and applying every subsequent coat of painting with plastic emulsion paint of approved brand and shadefor Item No.15-15.1 and 15.53 cost of materials, labour complete as per specifications(PageNo.120, Item No.15.52.3 PWD SR 2018-19)								
	Same as per qty No.9						278.31		
		Sqm					**278.31**	**39.96**	**11121.07**
	Basic Rate	37.00							
	Area Weightage 8%	2.96							
	Total	**39.96**							
	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior apex paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., complete as per directions of the Engineer-in-charge of the work.**(Page No. 128/ Item No. 15.53.2, SR 2018-19)**								
	Out side Painting								
	ALL around External Wall		2	26.80		3.60	192.96		
			2	7.10		3.60	51.12		
	Parapet Wall		2	26.80		0.85	45.56		
			2	7.10		0.90	12.78		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
		Sqm					302.42	474.12	143383.37
	Basic Rate	439.00							
	Area Weightage 8%	35.12							
	Total	474.12							
4	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (Page No. 121, Item No. 15.59 PWD SR 2018-19)								
	Door D		1	1.50		2.10	3.15		
		Sqm					3.15	54.00	170.10
	Basic Rate	50.00							
	Area Weightage 8%	4.00							
	Total	54.00							
5	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (Page No.121, item No.15.60.1 PWD SR 2018-19)								
	Qty vide iteam No.13						3.15		
		Sqm					3.15	104.76	329.99
	Basic Rate	97.00							
	Area Weightage 8%	7.76							
	Total	104.76							
6	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (PAGE NO. 123, ITEM NO. 15.73 PWD SR 2018-19)								
	ventilator		3	0.90		0.45	1.22		
	windows		6	1.50		1.20	10.80		
		Sqm					12.02	44.28	532.02
	Basic Rate	41.00							
	Area Weightage 8%	3.28							
	Total	44.28							
	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (PAGE NO. 123,ITEM NO. 15.74 PWD SR 2018-19)								
	ventilator		3	0.90		0.45	1.22		
	windows		6	1.50		1.20	10.80		
		Sqm					12.02	102.60	1232.74
	Basic Rate	95.00							
	Area Weightage 8%	7.60							
	Total	102.60							
	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section anodized to 12 - 15 microns. (PAGE NO.39,ITEM NO.7.17.1 PWD SR 2018-19)								
	Door		1	1.17		2.17	2.54		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	0.90		2.16	1.94		
		Sqm					4.48	6621.48	29683.43
	Basic Rate	6131.00							
	Area Weightage 8%	490.48							
	Total	6621.48							
.9	Fabricating, supplying & erecting M.S. angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 No's of M.S anchor Bolts at each Supports, with base plate and shoe plate. The work including cutting, straightening, placing in position of M.s Angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all mayterials, labour charges, & hire charges of machineries for cutting, welding, grinding, & erection equipments, etc,complete as per specification **(Page No.43 Item No. 7.30 of SR 2018-19)**								
	Bottom Chord								
	50x50mm per m 4.43 kg (5 mm thk)	**L shape**	2	35.00	4.43		310.10		
	Top Chord								
	50x50mm per m 4.43 kg (5 mm thk)	**L shape**	2	4.00	4.43		35.44		
	perlins								
	25x25mm per m 3.14 kg (5 mm thk)	**L shape**	8	40.00	3.14		1004.80		
		Kg					**1350.34**	**138.24**	**186671.00**
	Basic Rate	128.00							
	Area Weightage 8%	10.24							
	Total	**138.24**							
0	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. **(P.No.299, I.No.38.30 of PWD SR 2018-19)**								
			1	40.00	1.00		40.00		
		Sqm					**40.00**	**743.04**	**29721.60**
	Basic Rate	688.00							
	Area Weightage 8%	55.04							
	Total	**743.04**							
1	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 No.s of 150mm long brackets of 15 x 15mm M.S Square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 guage, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. (P.No. 62, I. No. 9.92 PWD SR 2018-19)								
	D		3	5.60			16.80		
		Mtr					**16.80**	**388.80**	**6531.84**
	Basic Rate	360.00							
	Area Weightage 8%	28.80							
	Total	**388.80**							

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
12	**"SOLID PANEL PRELAM PVC DOOR SHUTTER"** Providing and fixing 30MM thick factory made **rigid foam with both side Prelam Panelled Door Shutters** made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. (P.No. 61, I. No. 9.85.1 PWD SR 2018-19)								
	D		3	0.70		2.10	4.41		
		Sqm					**4.41**	**4045.68**	**17841.45**
	Basic Rate	3746.00							
	Area Weightage 8%	299.68							
	Total	**4045.68**							
	Plumbing work								
13	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 25mm nominal OD pipes. (P.No. 98/I.No. 13.85.3 PWD SR 2018-19)								
	For Mustering Center Building		1	100.00			100.00		
		Mtr					**100.00**	**211.68**	**21168.00**
	Basic Rate	196.00							
	Area Weightage 8%	15.68							
	Total	**211.68**							
14	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 20mm nominal OD pipes. (P.No. 98/I.No. 13.85.2 PWD SR 2018-19)								
	For Mustering Center Building		3	10.00			30.00		
		Mtr					**30.00**	**169.56**	**5086.80**
	Basic Rate	157.00							
	Area Weightage 8%	12.56							
	Total	**169.56**							
	Sanitory connection								
15	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 200mm outer dia (P.No. 77,I.No.11.56.5 PWD SR 2018-19)								
		Mtr	1	50.00			50.00		
							50.00	**1706.40**	**85320.00**
	Basic Rate	1580.00							
	Area Weightage 8%	126.40							
	Total	**1706.40**							
16	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia (P.No. 77,I.No.11.56.5 PWD SR 2018-19)								
		Mtr	3	15.00			45.00		
							45.00	**1352.16**	**60847.20**
	Basic Rate	1252.00							
	Area Weightage 8%	100.16							
	Total	**1352.16**							
17	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer dia (P.No. 77,I.No.11.56.2 PWD SR 2018-19)								

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
ROOM	Mtr	3	2.00			6.00 6.00	654.48	3926.88
Basic Rate	606.00							
Area Weightage 8%	48.48							
Total	654.48							

Bib cock 25mm nominal bore-NP (P.No. XXIV,I.No.0026 PWD SR 2018-19)

	Each	5				5.00 5.00	201.36	1006.78
Basic Rate	186.44							
Area Weightage 8%	14.92							
Total	201.36							

Gate value 50mm nominal bore-gun metal (P.No. XXVI,I.No.0164 ,PWD SR 2018-19)

	each	4				4.00 4.00	1510.17	6040.70
Basic Rate	1398.31							
Area Weightage 8%	111.86							
Total	1510.17							

KSRB 8.6-6 : Providing and fixing on wall surface 2.5kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.No.49,I.No.8.17 ,PWD SR 2018-19)

	Mtr	4	3.70			14.80 14.80	466.56	6905.09
Basic Rate	432.00							
Area Weightage 8%	34.56							
Total	466.56							

KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (P.No.96,I.No.13.78 ,PWD SR 2018-19)

	No's	2				2.00 2.00	7374.24	14748.48
Basic Rate	6828.00							
Area Weightage 8%	546.24							
Total	7374.24							

KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low lavel, PVC flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.No. 79, I. No. 12.1 PWD SR 2018-19)

	Pan	3				3.00 3.00	3786.48	11359.44
Basic Rate	3506.00							
Area Weightage 8%	280.48							
Total	3786.48							

Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications **(P.No. 83, I.No. 12.24 of PWD SR 2018-19)**

	Each	2				2.00 2.00	3400.92	6801.84
Basic Rate	3149.00							
Area Weightage 8%	251.92							
Total	3400.92							

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
Providing and fixing C. I. Manhole cover with frames 600 x 600 mm size (40 kgs) (P.No. XXXIX, I. No. 636 PWD SR 2016-17)								
Sump								
		1				1.00		
	Each					**1.00**	**3527.28**	**3527.28**
Basic Rate	3266.00							
Area Weightage 8%	261.28							
Total	**3527.28**							
Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No.90, I. No.12.113.1 PWD SR 2018-19)								
		4				4.00		
	Each					**4.00**	**270.00**	**1080.00**
Basic Rate	250.00							
Area Weightage 8%	20.00							
Total	**270.00**							
Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 50mm dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cage submercible induction motor suitable for operation of 3Ph open well, supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 2HP/1.5KW **(P.NO-XLVII, I.NO-2, PWD SR-2018-19)**								
	1					1.00		
	Each					**1.00**	**13126.32**	**13126.32**
Basic Rate	12154.00							
Area Weightage 8%	972.32							
Total	**13126.32**							
Rectangalur shape mirror of size 1500x450mm with plastic moulded frame (Page XXVI, Item No 680 PWD SR-2018-19)								
		2				2.00		
	Nos					**2.00**	**1006.56**	**2013.12**
Basic Rate	932.00							
Area Weightage 8%	74.56							
Total	**1006.56**							
Providing Electrical facility including fixtures, fittings and labour charges etc., complete								
	L/S					**1.00**	**250000.00**	**250000.00**
Basic Rate	201.00							
Area Weightage 8%	16.08							
Total	**217.08**							
KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19)								
Park								
For Kerb		1	97.00	0.20	0.20	3.88		
	Cum					**3.88**	**207.60**	**805.49**
Basic Rate	130.00							
Loading and Unlading	57.00							
lead for Earth 5km	12.80							
Area Weightage 6%	7.80							
Total	**207.60**							
Stone dust / Grit Page No.II PW,P&IWTD SR2018-19								
For Water Supply	Cum	1	100.00	0.45	0.30	13.50		
						13.50	**1060.00**	**14310.00**
Basic Rate	1000.00							
Area Weightage 6%	60.00							
Total	**1060.00**							

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	KSRB13-10.4 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 32mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9(P.NO -96, I.NO -13.77, PWD SR-2018-19)								
	For Water Supply	mtr	1	100.00			100.00		
							100.00	**136.74**	**13674.00**
	Basic Rate	129.00							
	Area Weightage 6%	7.74							
	Total	**136.74**							
	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS (P.No. 13/ I.No. 4.2 of CSR 2018-19)								
	For Bed								
	Kerb		1	97.00	0.20	0.15	2.91		
		Cum					**2.91**	**5505.64**	**16021.41**
	Basic Rate	5194.00							
	Area Weightage 6%	311.64							
	Total	**5505.64**							
	Providing and fixing Pre cast solid concrete kerb stones made out of CC1:2:4 and finished with CM 1:3 plastering and finishing cutting etc - do - of size 450 x 200 x 400 mm (Page No.27/ Item No. 5.29 and 5.29.1/ PWD SR 2018-19)								
	For Park								
			1	97.00			97.00		
		No's					**216.00**	**477.00**	**103032.00**
	Basic Rate	450.00							
	Area Weightage 6%	27.00							
	Total	**477.00**							
	SRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / lastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign natter, and sand papering including cost of materials, labour, complete as per specifications. **(Page No.120, tem No.15.8 0f KPWD S.R 2018-19)**								
	erb painting								
			1	97.00		0.40	38.80		
		Sqm					**38.80**	**39.22**	**1521.74**
	Basic Rate	37.00							
	Area Weightage 6%	2.22							
	Total	**39.22**							
	RRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new astered concrete surfaces, with materials, labour complete as per specifications **(I No-24.1,P No-180 KPWD S.R 18-19)**								
	rb painting								
			1	97.00		0.40	38.80		
		Sqm					**38.80**	**84.80**	**3290.24**
	Basic Rate	80.00							
	Area Weightage 6%	4.80							
	Total	**84.80**							
	ing avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not eeding 20cms in depth compacting each deposited layers by ramming after watering with lead o 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No. 7 / n No. 2.10 / PWD SR 2018-19)								
		Cum		Qty as per It 1			**40.50**	**217.08**	**8791.74**
	Basic Rate	201.00							
	Area Weightage 8%	16.08							
	Total	**217.08**							
								Total construction cost	**2145072.43**
								GST CHARGES 12%	**257408.69**
								KRIDL Charges 4.5%	**96528.26**

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
							Sub Total	2499009.39
							Miscellaneous and unforseen Charges	990.61
							TOTAL	2500000.00
(Rupees Twenty Five Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2018-19
3 The Provision made in estimate are adequate and essential
4. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.

Asst Engineer
Project
BBMP

Asst Executive Engineer
Project Sub-Division
BBMP

Executive Engineer
Project Division Dasarahalli
BBMP

19-20
ನಂ: 05 ದಿನಾಂಕ: 06/09/2019
ರೂ: 1,50,00,000/- one hundred & fifty Lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾತ್ಕಾಲಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ

ನಂ: CE/D2/TS/53/19-20 ದಿನಾಂಕ : 23/09/2019
ರೂ. 25.00 Lakhs/- (Rs Twenty Five Lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾತ್ಕಾಲಿಕ ಮಂಜೂರಾತಿ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು
23/9/19

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